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United States
Department of
Agriculture

Soil
Conservation
Service

Portland,
Oregon



Water Supply Outlook for Oregon

as of JUNE 1, 1982



TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: LONE CONE, NEAR NORWOOD COLORADO, BLANKETED BY ITS WINTER MANTLE OF SNOW.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



WATER SUPPLY OUTLOOK FOR OREGON

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued

June 1, 1982

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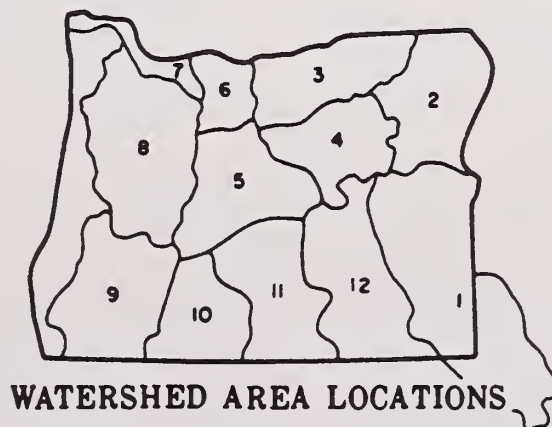
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WATER SUPPLY OUTLOOK FOR OREGON

JUNE 1, 1982

*
* Good water supplies are forecast for most water users in Oregon during *
* the coming summer. The mountain snowpack was above average in most *
* areas of the state on May 1. Although it has been extremely dry during *
* the past six weeks, most Oregon streams are producing average to above *
* average flows. Streams which are not fed from snowmelt will be dropping *
* very rapidly because of the dry weather. Reservoir storage is excellent *
* and only a few reservoirs did not fill. *
*

SNOW COVER

Only 15 snow courses were measured June 1. The measurements indicate the melt was delayed 3 to 4 weeks later than usual. Significant snowpack remains only along the west of the Cascades and at the higher elevations in eastern Oregon.

PRECIPITATION

After an extremely wet winter, the pattern of precipitation changed about the middle of April. It has been very dry since that time. May brought 10% of average precipitation to the Rogue and Umpqua basins. This was the driest area of the state. Precipitation in the rest of the state ranged on up to a high of 68% on the Owyhee. It is still above average in all areas of the state for the November-May period.

RESERVOIR STORAGE

Reservoir storage is excellent with only a few exceptions in the state. Fourmile Lake, Clear Lake (Wasco), and Crescent Lake are all significantly below average for June 1. Twenty-seven major irrigation reservoirs were storing 2,921,000 acre feet of water as of June 1. This is 110% of average.

-continued on next page-

STREAMFLOW

Streamflow was generally above average in most areas of the state during May. However, the Willamette and the Rogue basins produced flows near average. Forecasts of revised May-July volumes on representative streams are as follows:

<u>STREAM</u>	<u>FORECAST</u> <u>% OF 1963-77 AVG.</u>
Owyhee net Inflow	144
Malheur nr. Drewsey	200
Deschutes at Benham Falls	110
Grande Ronde @ LaGrande	133
Willamette Mid.Fk. nr. Oakridge	100
Upper Klamath Lake net Inflow	121
Rogue @ Raygold	100
Silvies nr. Burns	156

These forecasts assume normal weather conditions will occur from now to the end of the forecast period.

The forecasts in this bulletin are a result of coordinated activity between the Soil Conservation Service and the National Weather Service as an effort to provide the best possible service to water users.

This report contains data furnished by the Oregon Department of Water Resources, U.S. Geological Survey, NOAA National Weather Service and other cooperators.

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ^c
OWYHEE, MALHEUR WATERSHEDS Area 1					
Bully Creek at Warm Springs	50	396	March-May		12.6 ^b
Malheur near Drewsey	72	200	May-July		36
	74	200	May-Sept.		37
Malheur, North Fork at Beulah	66	170	May-July		39
	73	164	May-Sept.		44
Owyhee Reservoir net Inflow	283	144	May-July		197
	336	150	May-Sept.		224
Owyhee at Rome	298	147	May-July		202 ^b
Succor Creek near Jordan Valley	7.3	142	May-July		5.1 ^b
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS Area 2					
Anthony Cr.blw. No.Fk. nr. North Powder	15.6	114	May-July		13.7
Bear near Wallowa	76	130	May-Sept.		59
Big Cr.blw. Burn Cr. nr. Medical Spring	8.4	130	May-July		6.5
Burnt near Hereford	36	214	May-July		16.8
	38	207	May-Sept.		18.3
Catherine near Union	74	137	May-Sept.		54
Deer Cr. abv. Phillips Res.nr. Sumpter	16.8	147	May-July		11.4 ^b
Eagle Creek abv. Skull Creek	207	139	May-July		149
	225	137	May-Sept.		165
Grande Ronde at La Grande	128	133	May-July		96
	133	133	May-Sept.		100
Hurricane near Joseph	49	111	May-Sept.		44
Imnaha at Imnaha	326	127	May-Sept.		256
Lostine near Lostine	137	117	May-Sept.		117
Pine Creek nr. Oxbow	189	120	May-July		157 ^b
Powder near Sumpter	53	123	May-July		43
	55	125	May-Sept.		44
Wallowa, East Fork near Joseph	10.8	128	May-July		8.5
	13.9	129	May-Sept.		10.8
Wallowa at Joseph	67	126	June-July		53
Wolf Creek Res. net Inflow	10.0	119	May-June		8.4
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS Area 3					
Butter Creek nr. Pine City	4.0	114	May-July		3.5
Couse Creek nr. Milton Freewater	2.2	130	May-July		1.7 ^b
McKay near Pilot Rock	10.0	137	May-Sept.		7.3
Pine Creek near Weston	1.2	130	May-July		0.9 ^b
Rhea Creek nr. Heppner	1.9	100	May-July		1.9
Rock Creek abv. Cayuse Canyon nr. Condon	2.8	113	May-July		2.5 ^b
Umatilla near Gibbon	51	118	May-July		43
	58	118	May-Sept.		49
Umatilla at Pendleton	83	112	May-July		74
Walla Walla, South Fork near Milton	64	120	May-Sept.		54
Willow Creek at Heppner	3.0	112	May-July		2.7

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ^c
UPPER JOHN DAY WATERSHEDS Area 4					
Camas Creek near Ukiah	20	122	May-July		16.4
John Day, Middle Fork at Ritter	81	112	May-July		72
	85	112	May-Sept.		76
John Day, No. Fork at Monument	452	128	May-July		352
	471	128	May-Sept.		367
Mountain Creek nr. Mitchell	2.5	130	May-July		1.9 ^b
Strawberry near Prairie City	9.1	133	May-July		6.8
	9.8	130	May-Sept.		7.4
UPPER DESCHUTES, CROOKED WATERSHEDS Area 5					
Beaver Creek near Paulina	7.7	157	May-July		4.9
	8.0	161	May-Sept.		5.0
Crane Prairie Reservoir total Inflow	90	142	May-July		64
	143	135	May-Sept.		106
Crescent at Crescent Lake	17.6	114	May-July		15.5
	22	114	May-Sept.		19.8
Crooked River nr. Prineville	66	188	May-July		35
Crooked R.,No.Fk.Blw. Lookout Cr. near Paulina	7.0	164	May-July		4.3 ^b
Deschutes below Bend	164.1	--	Aug.-Sept.		--
Deschutes at Benham Falls	320	110	May-July		291
	531	110	May-Sept.		483
Deschutes below Snow Creek	83	145	May-Sept.		57
Deschutes, Little near La Pine	86	153	May-July		56
	101	151	May-Sept.		67
Ochoco Reservoir net Inflow	17.0	202	May-Sept.		8.4
Squaw near Sisters	54	120	May-Sept.		45
Tumalo near Bend	44	109	May-Sept.		41
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS Area 6					
Hood River at Tucker Bridge near Hood River	182	108	May-July		169
	236	109	May-Sept.		216
Hood River, West Fork near Dee	87	100	May-July		87
	109	100	May-Sept.		109
White below Tygh Valley	89	110	May-July		81
	106	110	May-Sept.		96
LOWER COLUMBIA WATERSHEDS Area 7					
Columbia at The Dalles	88,900	117	May-July		76,010
	106,400	117	May-Sept.		90,980
Sandy River near Marmot	230	100	May-July		230
	285	100	May-Sept.		285

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average C
WILLAMETTE WATERSHEDS Area 8					
Clackamas at Estacada	503	107	May-July		470
	625	106	May-Sept.		584
Clackamas above Three Lynx	364	100	May-July		364
	460	100	May-Sept.		460
McKenzie at McKenzie Bridge	376	112	May-July		338
	543	112	May-Sept.		484
McKenzie near Vida	823	112	May-July		735
	1,086	112	May-Sept.		970
McKenzie, So. Fork near Rainbow	158	110	May-July		144
	194	113	May-Sept.		171
Mohawk River near Springfield	37	115	May-July		32
Oak Grove Fork above Power Intake	102	102	May-July		100
	141	102	May-Sept.		138
Row near Dorena	52	100	May-July		52
	57	100	May-Sept.		57
Santiam, North at Mehama	567	112	May-July		506
	688	112	May-Sept.		614
Santiam, South at Waterloo	349	108	May-July		323
	395	108	May-Sept.		366
Scoggins Creek nr. Gaston	5.3	104	May-July		5.1
Thomas Creek near Scio	42	107	May-July		39
Willamette, Coast Fork nr. London	13.8	100	May-July		13.8
Willamette, Mid.Fk.blw.N.Fk. near Oakridge	471	100	May-July		471
	569	100	May-Sept.		569
Willamette, No.Fk. of Mid.Fk. near Oakridge	137	110	May-July		125
	161	110	May-Sept.		146
Willamette at Salem	2,656	104	May-July	2,554	
	3,160	104	May-Sept.	3,038	
ROGUE, UMPQUA WATERSHEDS Area 9					
Applegate near Copper	100	123	May-July		81
	110	125	May-Sept.		88
Clearwater above Trap Creek	59	100	May-Sept.		59
Cow Creek nr. Azalea	7.5	90	May-July		8.3
Fourmile Lake net Inflow	3.1	107	May-July		2.9
Grave Cr. at Pease Bridge nr. Placer	3.3	108	May-July		3.1
Hyatt Reservoir net Inflow	2.5	92	May-July		2.7
Illinois River near Kerby	91	110	May-July		83
	99	110	May-Sept.		90
Little Butte,N.Fk. at Fish Lake near Lake Creek	15.5	130	May-Sept.		11.9
Little Butte, S.Fk. near Lake Creek	22	120	May-July		18.5
	25	120	May-Sept.		21
Red Blanket Creek nr. Prospect	30	110	May-July		27
Rogue above Prospect	190	100	May-July	190	
	247	100	May-Sept.	247	
Rogue, South Fork near Prospect	48	100	May-July	48	
	59	100	May-Sept.	59	

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average ^c
ROGUE, UMPQUA WATERSHEDS (CONT.)					
Rogue at Raygold near Central Point	512	100	May-July		512
	675	100	May-Sept.		675
Rogue at Grants Pass	647	100	May-Sept.		647
Sucker Cr.blw. Little Grayback nr.Holland	39	105	May-July		37
Umpqua, No.blw. Lemolo Lake, near Toketee Falls	161	112	May-Sept.		144
Umpqua, No. at Winchester	539	110	May-July		490
Umpqua, So. near Brockway	166	90	May-July		184
Umpqua, So. at Tiller	99	95	May-July		104
So.Fk.Big Butte Cr.nr. Butte Falls	38	115	May-Sept.		33
KLAMATH WATERSHEDS Area 10					
Clear Lake Reservoir Inflow	17.3	99	May-Sept.		17.5
Gerber Reservoir Inflow	5.4	100	May-Sept.		5.4
Sprague near Chiloquin	200	120	May-Sept.		167
Upper Klamath Lake Net Inflow	415	121	May-Sept.		342
Williamson below Sprague River	360	126	May-Sept.		285
LAKE COUNTY, GOOSE LAKE WATERSHEDS Area 11					
Chewaucan near Paisley	81	140	May-July		58
	87	140	May-Sept.		62
Cottonwood Creek nr. Lakeview	9.0	140	May-July		6.4
Deep above Adel	56	122	May-July		46
	59	122	May-Sept.		48
Drews Reservoir net Inflow	10.6	100	May-July		10.6
Honey Creek near Plush	15.5	125	May-July		12.4
	15.7	125	May-Sept.		12.6
Silver Creek near Silver Lake	10.5	130	May-July		8.1
Twentymile near Adel	14.2	125	May-Sept.		11.4
Bridge Cr. nr. Spahr Ranch nr.Silver Lk.	4.0	133	May-July		3.0
HARNEY BASIN WATERSHEDS Area 12					
Donner und Blitzen near Frenchglen	51	124	May-July		41
	56	123	May-Sept.		46
Silver near Riley	8.3	140	May-July		5.9
Silvies River near Burns	60	156	May-July		38
	62	155	May-Sept.		40
Trout Creek near Denio	7.2	110	May-July		6.5
	7.7	110	May-Sept.		7.0

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
OWYHEE, MALHEUR WATERSHEDS AREA 1				
Beulah Reservoir	60.0	59.9	59.4	48.4
Bully Creek	30.0	29.3	28.4	21.2
Owyhee	715.0	716.3	590.2	610.8
Warmsprings	191.0	190.9	176.3	144.4
BURNT, POWDER, PINE, GRANDE RONDE, IMNAHA WATERSHEDS AREA 2				
Phillips Lake	73.5	77.1	76.5	63.9
Thief Valley	17.4	18.1	18.0	16.4 ^b
Unity	25.2	25.0	24.8	22.4
Wallowa Lake	37.5	23.2	38.9	33.3
Wolf Creek	10.4	9.4	11.1	--
UMATILLA, WALLA WALLA, WILLOW, ROCK, LOWER JOHN DAY WATERSHEDS AREA 3				
Cold Springs	50.0	49.5	48.7	45.3
McKay	73.8	67.9	67.8	56.2
UPPER DESCHUTES, CROOKED WATERSHEDS AREA 5				
Crane Prairie	55.3	46.0	22.2	45.8
Crescent Lake	86.9	40.5	30.4	69.1
Ochoco	47.5	46.0	45.2	36.5
Prineville	153.0	154.3	156.8	143.3
Wickiup	200.0	163.7	160.1	166.3
HOOD, MILE CREEKS, LOWER DESCHUTES WATERSHEDS AREA 6				
Clear Lake (Wasco)	11.9	6.7	3.8	6.2

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
WILLAMETTE WATERSHEDS AREA 8				
Blue River	85.6*	80.3	79.1	79.6
Cottage Grove	30.0*	23.6	28.8	27.3
Cougar	155.2*	145.8	144.6	141.5 ^b
Detroit	299.9*	278.7	284.2	277.1
Dorena	70.5*	61.7	65.2	64.5
Fall Creek	115.0*	102.4	109.0	108.4 ^b
Fern Ridge	94.2*	93.3	93.9	86.0
Foster	30.0*	24.8	25.0	22.5 ^b
Green Peter	270.0*	246.6	252.1	248.5 ^b
Hills Creek	200.0*	194.6	195.2	181.7
Lookout Point	337.2*	315.8	286.1	291.1
Timothy Lake	61.7	60.2	56.3	60.8
Henry Hagg Lake	53.0	52.2	53.5	--
* Multiple purpose reservoir--space reserved primarily for flood runoff.				
ROGUE, UMPQUA WATERSHEDS AREA 9				
Applegate	75.2	74.8	52.4	--
Emigrant Lake	39.0	36.8	34.8	37.1
Fish Lake	8.0	6.0	4.4	6.8
Fourmile Lake	16.1	7.7	7.8	12.7
Howard Prairie	60.0	60.6	43.7	57.4
Hyatt Prairie	16.1	16.0	12.6	15.0
Lost Creek	315.0	315.4	314.8	--
KLAMATH WATERSHEDS AREA 10				
Clear Lake	440.2	344.1	170.5	286.5
Gerber	94.0	91.1	39.7	72.5
Upper Klamath Lake	584.0	497.4	477.1	519.2
LAKE COUNTY, GOOSE LAKE WATERSHEDS AREA 11				
Cottonwood	8.7	8.7	5.6	6.9
Drews	63.0	63.5	41.8	56.6
Thompson Valley	19.5	18.6	3.9	--

BASIC DATA SUPPLEMENT 1

JUNE 1, 1982

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (Inches)	
				Last Yr.	Ave. ^c
Annie Spring	5/31	72	37.7	0.0	54.4 ^b
Billie Creek Divide	5/26	0	0.0	0.0	0.8 ^b
Billie Cr.Div.Plw.(T)	N/R				
Billie Cr.Div.Plw.(S)	5/26	0	0.0	0.0	--
Billie Cr.Div.Plw.(M)	N/R				
Clear Lake	5/27	0	0.0	0.0	0.5
Clear Lake Plw. (T)	5/27	--	0.0	0.0	--
Clear Lake Plw. (S)	5/27	0	0.0	0.0	--
Clear Lake Plw. (M)	5/27	--	0.0	0.0	--
Clear Lake Expt.	5/27	TR	0.1	0.0	1.3 ^b
Cold Springs Camp	5/25	51	26.7	0.0	12.3 ^b
Cold Springs Camp Plw.(T)	5/26	--	13.4	0.0	--
Cold Springs Camp Plw.(S)	5/25	19	10.0	0.0	--
Cold Springs Camp Plw.(M)	5/25	--	13.0	--	--
Diamond Ctr. Sum. Rev.	5/26	49	24.6	0.0	13.8 ^b
Diamond Lake	5/26	12	6.1	0.0	6.4 ^b
Diamond Lake Plw. (T)	5/26	--	0.0	0.0	--
Diamond Lake Plw. (S)	5/26	0	0.0	0.0	--
Diamond Lake Plw. (M)	5/26	--	0.0	0.0	--
Fish Lake	5/26	0	0.0	0.0	--
Fish Lake Plw. (T)	N/R				
Fish Lake Plw. (S)	5/26	0	0.0	0.0	--
Fish Lake Plw. (M)	5/26	--	0.0	0.0	--
Fourmile Lake	5/26	0	0.0	0.0	2.6 ^b
Fourmile Lake Plw.(T)	5/26	--	15.4	0.0	--
Fourmile Lake Plw.(S)	5/26	33	17.3	0.0	--
Fourmile Lake Plw.(M)	5/26	--	13.1	--	--
High Ridge Plw.(T)	6/2	--	6.0	--	--
High Ridge Plw.(S)	6/2	15	7.0	--	--
High Ridge Plw.(M)	6/2	--	2.9	--	--
Hungry Flat	5/31	0	0.0	0.0	--
Mud Ridge Plw.(T)	5/27	--	13.5	0.0	--
Mud Ridge Plw.(S)	5/27	26	10.5	0.0	10.7 ^b
Mud Ridge Plw.(M)	5/27	--	13.7	0.0	--
New Dutchman Flat #2	5/31	88	51.8	1.6	40.6 ^b
Park Headquarters	5/31	119	64.3	0.0	49.0 ^b
Quartz Mountain	5/24	0	0.0	0.0	--
Quartz Mtn.Plw.(T)	5/29	--	0.1	--	--
Quartz Mtn.Plw.(S)	5/24	0	0.0	--	--
Quartz Mtn.Plw.(M)	5/24	--	0.0	--	--
Tangent	5/31	0	0.0	0.0	1.6 ^b

TR Trace
N/R No Report
T = Telemetry Reading
S = Snow Tube Reading
M = Manometer Reading

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

BASIC DATA SUPPLEMENT 2

JUNE 1, 1982

PRECIPITATION (Inches)

PRECIPITATION (Inches)		CURRENT INFORMATION		PAST RECORD	
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION	ELEVATION	Date of Reading	Precipitation	Last Year	Average
Clear Lake (Wasco County)	3500	From 4/29 To 5/27	0.60"		
Diamond Lake (Douglas County)	4600	From 4/29 To 5/26	0.36"		
Fish Lake (Jackson County)	4665	From 4/28 To 5/26	0.96"		
Quartz Mountain (Lake County)	6300	From 4/27 To 5/24	0.72"		
High Ridge (Umatilla County)	4150	From 5/3 To 6/2	2.76"		

(a) Estimated. (b) 1963-77 adjusted average. (c) 1963-77, 15 year average. (d) Corrected to natural flow. (e) Not scheduled.

ERRATA: 1982 SNOW MEASUREMENTS PUBLISHED IN ERROR

SNOW COURSE	REPORT	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
Butte Creek Summit			
Previously Published	January	N/R	N/R
Correct Data	January	22	4.7
McKenzie			
Previously Published	January	Late Report	
Correct Data	January	93	34.0
McKenzie Pillow (S)			
Previously Published	January	Late Report	
Correct Data	January	90	29.3
McKenzie Pillow (M)			
Previously Published	January	Late Report	
Correct Data	January	--	28.3
Dead Horse Grade			
Previously Published	January	Late Report	
Correct Data	January	35	9.3
White Branch Slide			
Previously Published	January	Late Report	
Correct Data	January	26	7.2
Lost Creek Ranch			
Previously Published	January	Late Report	
Correct Data	January	23	6.1
South Fork Canal			
Previously Published	February	17	7.0
Correct Data	February	18	7.0
Trout Creek *			
Previously Published	February	39	10.9
Correct Data	February	15	4.2
Oregon Canyon *			
Previously Published	February	37	10.4
Correct Data	February	13	3.6
Marks Creek			
Previously Published	February	Late Report	
Correct Data	February	28	7.9
TV Ridge *			
Previously Published	February	43	14.2
Correct Data	February	67	22.1

ERRATA: 1982 SNOW MEASUREMENTS PUBLISHED IN ERROR (CONT.)

SNOW COURSE	REPORT	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
Seven Mile Previously Published Correct Data	April April	N/R 129	45.3
Seven Mile Pillow (S) Previously Published Correct Data	April April	N/R 121	42.2
Seven Mile Pillow (M) Previously Published Correct Data	April April	N/R --	45.7
Lionshead * Previously Published Correct Data	April April	N/R 65	27.3
Whitewater Meadow * Previously Published Correct Data	April April	N/R 11	4.6
Buckskin Lake * Previously Published Correct Data	April April	N/R 0	0.0
Succor Creek (Ida.) * Previously Published Correct Data	April April	N/R 27	10.5
War Eagle (Ida.) * Previously Published Correct Data	April April	N/R 84	28.6
Silver City (Ida.) * Previously Published Correct Data	April April	N/R 53	19.1
Hyde Pasture (Ida.) * Previously Published Correct Data	April April	N/R 19	8.6
Battle Creek (Ida.) * Previously Published Correct Data	April April	N/R 0	0.0
Vaught Ranch (Ida.) * Previously Published Correct Data	April April	N/R 0	0.0

ERRATA: 1982 SNOW MEASUREMENTS PUBLISHED IN ERROR (CONT.)

SNOW COURSE	REPORT	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
Red Canyon (Ida.) *			
Previously Published	April	N/R	
Correct Data	April	27	9.7
Bull Basin (Ida.) *			
Previously Published	April	N/R	
Correct Data	April	0	0.0
Lookout Butte *			
Previously Published	April	N/R	
Correct Data	April	0	0.0
Quinn Ridge (Nev.) *			
Previously Published	April	N/R	
Correct Data	April	0	0.0
Louse Canyon *			
Previously Published	April	N/R	
Correct Data	April	15	5.4
Oregon Canyon *			
Previously Published	April	N/R	
Correct Data	April	6	2.2
Trout Creek *			
Previously Published	April	N/R	
Correct Data	April	39	14.4
Pueblo Summit *			
Previously Published	April	N/R	
Correct Data	April	TR	0.1
"V" Lake *			
Previously Published	April	N/R	
Correct Data	April	36	13.3
Buck Pasture *			
Previously Published	April	N/R	
Correct Data	April	TR	0.1
Call Meadows *			
Previously Published	April	N/R	
Correct Data	April	14	5.7
Flag Prairie *			
Previously Published	April	N/R	
Correct Data	April	6	2.3
Bully Creek *			
Previously Published	April	N/R	
Correct Data	April	7	2.7

ERRATA: 1982 SNOW MEASUREMENTS PUBLISHED IN ERROR (CONT.)

SNOW COURSE	REPORT	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
Boulder Creek *			
Previously Published	April	N/R	
Correct Data	April	12	3.8
Daly Lake Pillow (T)			
Previously Published	April	N/R	
Correct Data	April	--	16.6
Daly Lake Pillow (S)			
Previously Published	April	N/R	
Correct Data	April	37	13.8
Daly Lake Pillow (M)			
Previously Published	April	N/R	
Correct Data	April	--	17.5
Holland Meadows Pillow (S)			
Previously Published	April	N/R	
Correct Data	April	91	31.5
Holland Meadows Pillow (M)			
Previously Published	April	N/R	
Correct Data	April	--	32.9
Jump Off Joe Pillow (S)			
Previously Published	April	N/R	
Correct Data	April	43	16.2
Jump Off Joe Pillow (M)			
Previously Published	April	N/R	
Correct Data	April	--	14.6
Little Meadows Pillow (S)			
Previously Published	April	N/R	
Correct Data	April	72	27.8
Little Meadows Pillow (M)			
Previously Published	April	N/R	
Correct Data	April	--	29.8
Roaring River Pillow (S)			
Previously Published	April	N/R	
Correct Data	April	101	37.8
Roaring River Pillow (M)			
Previously Published	April	N/R	
Correct Data	April	--	42.0

ERRATA: 1982 PRECIPITATION READINGS PUBLISHED IN ERROR

<u>PRECIP. STATION NAME</u>	<u>REPORT</u>	<u>READING IN INCHES</u>
Chemult (Klamath County)		
Previously Published	January	30.12"
Correct Data	January	N/R
Mt. Howard (Wallowa County)		
Previously Published	February	53.16"
Correct Data	February	23.28"

ERRATA: 1982 RESERVOIR STORAGE FIGURES PUBLISHED IN ERROR

<u>RESERVOIR NAME</u>	<u>REPORT</u>	<u>USABLE STORAGE</u>
Fourmile Lake		
Previously Published	January	N/R
Correct Data	January	1.2

UNSCHEDULED SNOTEL SNOW TUBE MEASUREMENTS TAKEN DURING WATER YEAR 1981-82:

SNOTEL SITE	DATE	SNOW DEPTH (INCHES)	WATER CONTENT (INCHES)
Beaver Reservoir	2/11/82	40	11.5
Chemult	2/17/82	32	11.9
Diamond Lake	2/17/82	41	14.8
Eilertson Meadows	1/7/82	38	8.1
Irish-Taylor	4/21/82	124	50.3
Moss Springs	2/10/82	82	25.9
Moss Springs	3/2/82	86	28.3
Peavine Ridge	4/8/82	45	18.5
Silver Creek	1/20/82	41	9.4
Snow Mountain	3/3/82	43	12.8
Starr Ridge	1/13/82	26	5.9
Strawberry Mountain	1/21/82	23	3.6
Summit Lake	4/22/82	130	52.1

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